

Smart LDAR

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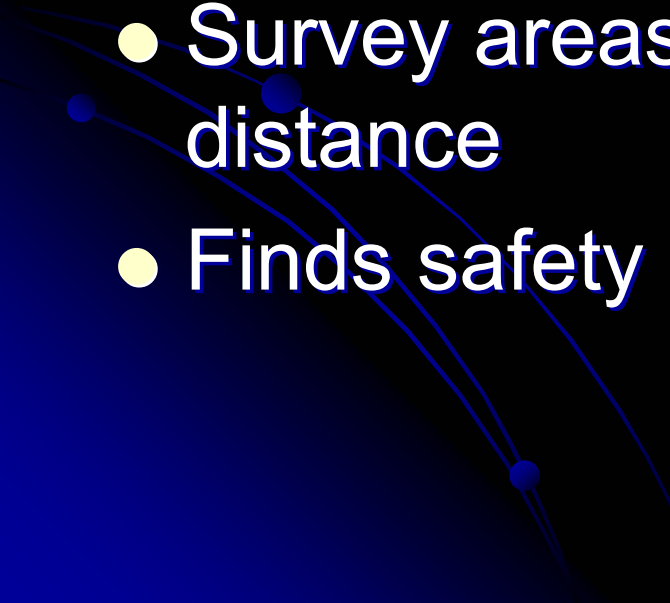
www.leaksurveysinc.com



Symposium on Air Emissions
from Large Industrial sources

Date: 8/17/06

Technical Advantages

- Optical Imaging leak surveys 20 times faster than traditional methods
 - Finds the bigger leaks faster
 - Pinpoints the exact location of the leak
 - Survey areas of safety concerns from a distance
 - Finds safety issues before they happen
- 

Changes in LDAR Programs

Alternate Work Practice (1q 2007)

docket # **EPA-HQ-OAR-2003-0199**

DOT approval for annual leak surveys

Best work practice for Ships & Barges

Floating roof inspections

Other Uses for the Hawk Leak Detection System

- Transmission and Gathering Lines
- Refineries and Petro-Chemical Plants
- LDAR programs for Ships & Barges
- Gas Processing Plants
- Tank Farms
- Turn arounds, Start up's and Shut Down's
- Emergency Response

Past

5 side by side studies comparing Method 21
to Smart LDAR

Fugitive Emissions monitoring outside
traditional components

Floating roof monitoring

Future

Smart LDAR pilot projects

Smart LDAR



Warning

The video's contained in the rest of this presentation are of very large environmental emissions and are best described as

Shock and Awe

Viewer discretion is advised.



Caution H2S

Safety is
always first

Product Loss

Environmenta
Emissions



The invisible becomes visible

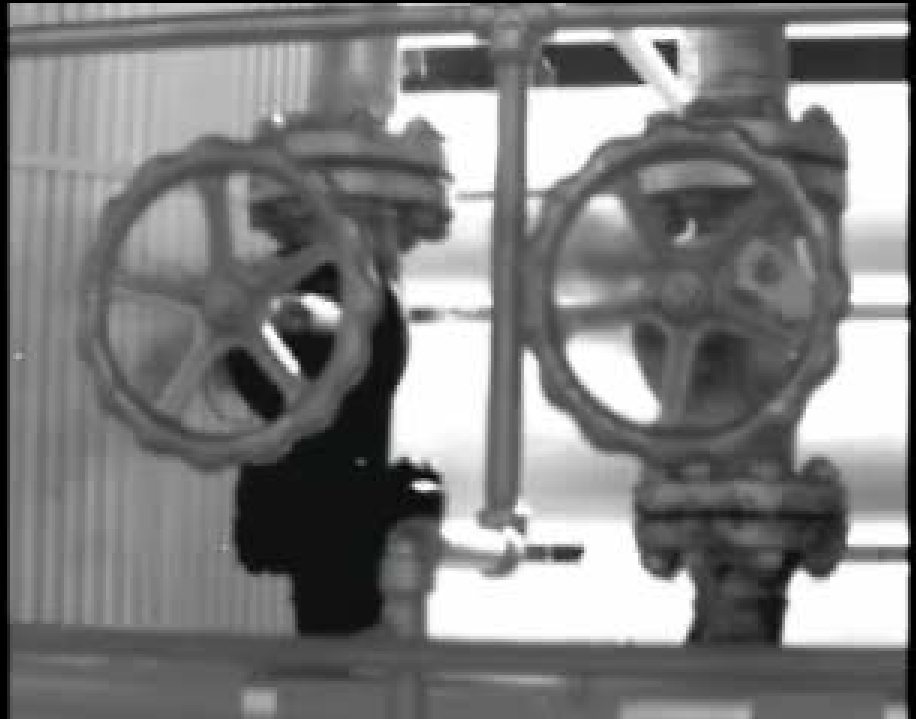
- Slotted guide pole



Twin Sisters

Pinpoint leak with
one scan

Survey 3000
Components per
hour



Birthday cake

Survey Floating
roof tanks
from the
landing



www.loan-surveys.com

Hurricane Katrina

- Oil spill



Hurricane Katrina

Canal spill



Lawnmower Gas

Emissions
are
everywhere



Service Stations

This is why
you don't
smoke at
the gas
station

